

Title (en)

UPRIGHTING DEVICE FOR AN UNDERWATER VEHICLE

Title (de)

AUFRICHTVORRICHTUNG FÜR EIN UNTERWASSERFAHRZEUG

Title (fr)

DISPOSITIF DE MISE À LA VERTICALE POUR VÉHICULE SOUS-MARIN

Publication

EP 4363306 A1 20240508 (FR)

Application

EP 22744291 A 20220628

Priority

- FR 2106967 A 20210629
- FR 2022051275 W 20220628

Abstract (en)

[origin: WO2023275476A1] The invention relates to an autonomous underwater vehicle (1, 30, 50, 80), which comprises a hull (3, 40, 60, 86) extending along a longitudinal main axis (5, 38, 58, 99), and at least one vehicle uprighting device configured to alter a trim angle of the vehicle (1, 30, 50, 80) between a nominal horizontal position of the vehicle and a vertical position of the vehicle, characterised in that the vehicle uprighting device comprises one or more arms (24, 26, 32, 52, 62, 92) mounted on the hull (3, 40, 60, 86) by a proximal end (24a, 26a) and rotatably hinged to the hull (3, 40, 60, 86), and comprising a float (28, 29, 34, 54, 64, 90) at a distal free end (24b, 26b).

IPC 8 full level

B63G 8/14 (2006.01); **B63G 8/00** (2006.01); **B63G 8/26** (2006.01)

CPC (source: EP US)

B63G 8/001 (2013.01 - US); **B63G 8/14** (2013.01 - EP); **B63G 8/22** (2013.01 - US); **B63G 8/26** (2013.01 - EP US); **B63B 2211/02** (2013.01 - EP); **B63G 2008/002** (2013.01 - EP); **B63G 2008/004** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3124486 A1 20221230; EP 4363306 A1 20240508; US 2024294241 A1 20240905; WO 2023275476 A1 20230105

DOCDB simple family (application)

FR 2106967 A 20210629; EP 22744291 A 20220628; FR 2022051275 W 20220628; US 202218569644 A 20220628